

ABSTRACT OF THE DISCLOSURE

A device is provided for wireless transmission and evaluation of signals and switching statuses from at least one mobile device (10) to a second device (11), where at least one of the devices is capable of moving over a predefined travel path. A transmission link (12) is provided between devices (10) and (11). A transmission feeds the energy supply for the mobile device (10). At least one sensor device (9), connected to mobile device (10), brings about modulation on transmission link (12) between the two devices in accordance with a random signal string of the sensor. A receiving device is provided for modulation in device (11). A transmission device for transmission across transmission line (12) comprises at least two coupled coil devices (13, 14), which are mechanically and topologically independent of each other. The path of movement is not subject to those restrictions to which conventional devices are subject.

0989799.070201